**NORTH CAROLINA SIX POINT LESSON PLAN**

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| **Subject: Mathematics (4th Grade)** | | **Topic: Median, Range, Mode, and *Mean*** | |
| **Teacher: Sherrod Buchanan** | | **Date: November 2, 2010** | |
| **Performance Objective (Including learning and behavior):**  **The learner will describe the distribution of data using median, range, mode, and mean by manipulating objects and completing interactive activities.** | | | |
| **Activity** | **Description of Activities and Setting** | | **Materials and Time** |
| **Focus and Review (Establish prior knowledge** | Class yesterday, we practiced graphing data! Today, we are going to learn to describe the distribution of data using median, range, mode, and *mean*. | | **1-2 minutes** |
| **Statement (Inform) of Objectives** | **NCSCOS Grade 4 Objective:**  **4.02** Describe the distribution of data using median, range, and mode. | |  |
| **Teacher Input (Present tasks, information, and guidance)** | The teacher will play a short video and use a PowerPoint presentation to introduce the students to median, range, mode, and *mean*. The teacher will briefly check for understanding before moving on. | | **Smartboard, video, PowerPoint presentation.**  **Video Link:**  <http://www.youtube.com/watch?v=uydzT_WiRz4&NR=1&feature=fvwp>  **5 minutes** |
| **Guided Practice (Elicit performance)**  **Assessment and Feedback** | The learner will use a calculator (if needed) to complete interactive median, range, mode, and mean activities on the Smartboard. The teacher will correctly answer an example question and then will monitor and adjust student work. | | **Smartboard, trivia game, and buildings game.**  **Buildings Game Link:**  <http://www.bbc.co.uk/schools/ks2bitesize/maths/data/mode_median_mean/play.shtml>  **Trivia Game Link:**  <http://www.quia.com/rr/226644.html>  **5 minutes** |
| **Independent Practice—Seatwork and Homework (Retain and transfer)** | Students will use skittles to complete a using median, range, and mode worksheet. | | **Skittles, worksheets, and a pencil.**  **3 minutes** |
| **Closure**  **(Plan for maintenance)** | **The teacher will ask random students what they learned!** | | **Rap Clip:**  <http://www.youtube.com/watch?v=Opn7gtTXaFo>  **2 minutes** |